

COUNTY SURVEYORS (IRELAND). COUNTY SURVEYORS (IRELAND) EXPENDITURE

RETURN to Two Orders of the Honorable The House of Commons,
dated 4 March 1878 *per*,

RETURN "of COUNTY SURVEYORS and their ASSISTANTS in each COUNTY in Ireland for the Year ending with the Summer Assizes, 1877:—

- Name of each County Surveyor, with Amount of Salary and Allowances
Name of each separate County in which he has Served, and Number of Years Served in each;
Name of his immediate Predecessor, and whether same Resigned, was Dismissed, was Removed to another County, or was Superannuated, with the Amount of Retiring Allowance granted to him;
Average Annual Cost of Works for last Five Years in County other than Roads, Drains, and other Routine Work, and requiring special Engineering Skill in their Design;
Number of Assistants under each County Surveyor, with their Salaries.

Name of County Surveyor.	Amount of Salary and Allowances of County Surveyor.	Name of each separate County in which he has Served, Number of Years he has Served in each, Salary in each.				Name of immediate Predecessor, and stating whether same Died, Resigned, was Dismissed, was Removed to another County, or was Superannuated, with the Amount of Retiring Allowance (if any) granted to him, and whether same is now Payable.				Average Annual Cost of Works for last Five Years in the County, subdivided Roads, Drains, and other Routine Work, and requiring special Engineering Skill in their Design.	Number of Assistants under County Surveyor, with their Salaries.	Observations.
		County.	Number of Years' Service.	Salary.	Reason for Resignation.	Name.	Why the Office was Vacant.	Period of Absence.	Whether now Payable.			

RETURN "of EXPENDITURE under COUNTY SURVEYORS in Ireland for the Year ending with the Summer Assizes, 1877:—

- Name of County Surveyor;
Number of Miles of 'Continuing Contract Roads' usually Maintained under County Surveyor;
Number of Miles of other Roads usually Repaired by Contract in the Year 1877;
Number of Miles of Road passed at Road Sessions, Summer 1877, but not presented by Grand Jury, with Estimated Cost;
Number of Miles of Road worked by the County Surveyor after Summer Assizes, 1877, with Estimated Annual Cost of same as approved of at Sessions;
Amount of Total Estimated Cost of Works, other than Continuing Contracts, presented to the County Surveyor to execute at Spring and Summer Assizes, 1877;
General Observations, and stating whether the County Surveyor completes the Works as advertised for Contract, or only partially executes them.

1.	2.	3.	4.	5.	6.	7.	8.	9.
Name of County Surveyor.	Number of Miles of Continuing Contract Roads usually Maintained in the Year.	Number of Miles of Roads only Contracted for by Grand Jury in Year 1877.	Number of Miles of Roads passed at Road Sessions before Summer Assizes, 1877, but not presented for by Grand Jury.	Estimated Cost of Works in No. 4, as approved at Sessions.	Number of Miles of Road not Contracted for as provided before Summer Assizes, 1877, and worked by County Surveyor.	Estimated Cost of Works for Amount in No. 6, as approved at Sessions.	Total Estimated Cost of Works other than Continuing Contracts presented to the County Surveyor to execute at Spring and Summer Assizes, 1877.	General Observations, including whether the County Surveyor completes or only partially executes the Works as advertised for Contract.

Dublin Castle, }
25 April 1878. }

T. H. BURKE.

(Mr. Gray.)

*Ordered, by The House of Commons, to be Printed,
6 June 1878.*

— No. 1. —

COUNTY SURVEYORS (IRELAND).

RETURN of COUNTY SURVEYORS and their ASSISTANTS in each COUNTY in Ireland for the Year ending with each separate County in which he has served, and Number of Years served in each; Name of his immediate superior with the Amount of Retiring Allowance granted to him; Average Annual Cost of Works for last Five Years, in Design; Number of Assistants under each County Surveyor, with their Salaries.

NAME OF COUNTY.	Name of County Surveyor.	Amount of Salary and Allowance of County Surveyor.	Name of each separate County in which he has served, Number of Years he has served in each, Salary in each.			
			County.	Number of Years' Service.	Salary.	Reason for Removal.
ANTRIM, AND COUNTY OF THE TOWN OF CARRICKFERGUS.	Alexander Tait	£. s. d. For Antrim, Salary 400 L, and 50 L for office and clerk. For Carrickfergus, 45 L.	- - - -	- - - -	- - - -	- - - -
			Dublin - - -	17	550 - - -	Wishes to improve position.
			Antrim - - -	Since December 1865, 10 1/2 years.	As already stated	- - - -
			Carrickfergus - -	Office -	- - - -	- - - -
			Armagh - - -	28	400 - - -	- - - -
ARMAGH - - -	Harry Deane	450 - - -	Armagh - - -	28	400 - - -	- - - -
CARLOW - - -	Edward T. Quinn	485 - - -	Rooscommon - -	1	400 - - -	Own application
			Orlery - - -	6 1/2	400 - - -	- - - -
CAYN - - -	Frederick G. Devine	Salary 500 L, and 20 L for office and clerk.	Mayo (South) -	6 1/2	300 - - -	Exchanged with the surveyor of Southern Division, Cork. At his own request, as he was doing first class duty for third class pay.
			Southern Division of Ross Cork.	10	500 L for three years; 450 L for seven years.	- - - -
			Cavan - - -	6 1/2	400 L for two years; 300 L for four and a half years.	- - - -
			Total - - -	28	- - - -	- - - -
CLARE - - -	John Hill	Salary 500 L, and 20 L for office and clerk.	Clare - - -	10	500 - - -	Was removed from Clare to King's County in 1865, at his own request.
			King's County -	12	450 - - -	Transferred back to Clare in 1867, at the request of the gentleman of the County.
			Clare - - -	11	500 - - -	- - - -

— No. 1. —

COUNTY SURVEYORS (IRELAND).

the Summer Assizes, 1877:—Name of each County Surveyor, with Amount of Salary and Allowances; Name of Predecessor, and whether same Resigned, was Dismissed, was Removed to another County, or was Superannuated, County other than Roads, Drains, and other Routine Work, and requiring Special Engineering Skill in their

Name of Immediate Predecessor, and stating whether same Died, Resigned, was Dismissed, was Removed to another County, or was Superannuated, with the Amount of Retiring Allowance (if any) granted to him, and whether same is now Payable.				Annual Average Cost of Works for last Five Years in the County, other than Roads, Drains, and other Routine Work, and requiring "Special Engineering Skill" in their Design.	Number of Assistants under County Surveyor, with their Salaries.		OBSERVATIONS.
Name.	Why the Office was Vacated.	Retiring Allowance.	Whether now Payable.		Number.	Salaries.	
1. Charles Lennox	It was his pleasure to resign.	There was none at the time of his resignation.		£. s. d. 18,785 - -	12	£. s. d. 500 l. for the 12.	
2. - - ditto	- - ditto	- - ditto	- -	N.B.—This is the average annual amount for last five years, for new roads, hill cuttings, and special works, for which surveys, plans, sections, and specifications were made and prepared.	1	90 - -	
3. - - -	- - -	- - -	- -		- -	- -	Examination was passed under 7 & 8 Vict. c. 105.
4. - - -	- - -	- - -	- -		- -	- -	Examination was passed under 7 & 8 Vict. 4, c. 115.
5. H. L. Lindsay	Resigned	No	No	3,000 - -	4	50 l. a-year each.	The County Surveyor's pay, 500 l. a-year, includes travelling expenses, which come to about 50 l. a-year. The allowance of 50 l. a-year is for office expenses, out of that he has to pay clerk, postages and stationery.
6. John Power	Resigned	- -	- -	400 - -	3	50 l. each.	
7. A. Gibson	Died	The Act enabling Grand Jurors to give retiring allowance was only passed in the Session of 1875, and he cannot take advantage, by that County Surveyors to have changed from one county to another.		1,073 12 3	5	50 l. each	The County Surveyor respectfully calls attention to the necessity of amending the 41st section of 5 & 7 Will. 4, c. 115, which fixes the salary of County Surveyors. By that section a County Surveyor cannot be paid for 12 months. In the County Mayo he was not able to get any salary for that time, which he considers a great hardship. The County Surveyors now get their salaries when due, only by favour of the Grand Jury passing a resolution to that effect, directed to the treasurer of the county. With reference to the salaries he would much prefer the number of them to be increased, and not the salaries. The area each has is much too large.
8. James Boyd	Mr. Boyd was removed to the County of Wicklow in 1845; is since deceased.	None	No	4,570 - -	6	50 l. each.	
9. A. C. Adair	Mr. Adair was removed to the County of Tyrone in 1807; is now in London.	None	No.				

No. 1.—RETURN of County Surveyors and their Assistants in each County

NAME OF COUNTY.	Names of County Surveyors.	Amount of Salary and Allowances of County Surveyors.	Name of each separate County in which he has served, Number of Years he has served in each, Salary in each.			
			County.	Number of Years' Service.	Salary.	Reason for Resignation.
CORK (NORTHERN DIVISION, EAST RIDING).	A. O'Keefe Lyons -	£. s. d. Salary 500 l. and 60 l. for office and clerk.	Cork - - -	17	£. s. d. 500 - -	- - - -
CORK (SOUTHERN DIVISION, EAST RIDING).	A. A. Kelly, M.A., Clerk.	Salary 500 l. per annum; for clerk 60 l.; Total, 560 l.	Longford - -	2	400 - -	Promotion - -
CORK (WEST RIDING) -	Mr. Jackson -	Salary 500 l. per annum; and 60 l. for clerk and office.	Cork, West Riding -	23	500 - -	None returned -
DONEGAL (NORTH DISTRICT).	William Harte -	Salary 500 l. per annum; allowance for office, 50 l. per annum.	Donegal - -	27	Appointed at 300 l. per annum. It was raised in Summer 1893 to 400 l. per annum; and was raised again in Summer 1894 to 500 l. per annum.	- - - -
DONEGAL (SOUTH DISTRICT).	Frederick Galan -	Salary 400 l. per annum, and 60 l. for clerk and office.	Cavan - - -	1 year 4 months as deputy in charge; 11 years 4 months as County Surveyor.	300 - -	Exchanged with Mr. Fraser, who vacated the North District of Donegal. The surveyor of South Donegal was, however, appointed to the North District, the appointment being made out for the South District.
DOWN (NORTH DISTRICT).	Harry Smyth -	Salary 375 l. and allowances, 50 l.	Donegal - -	2	300 - -	Exchanged with Mr. Fraser in October 1893 in order to better his position.
			Down - - -	25½	375 - -	

in Ireland for the Year ending with the Summer Assizes, 1877, &c.—continued.

Name of Immediate Predecessor, and stating whether same Died, Resigned, was Dismissed, was Removed to another County, or was Superseded, with the Amount of Retiring Allowance (if any) granted to him, and whether same is now Payable.				Assessed Average Cost of Works for last Five Years in the County, other than Roads, Drains, and other Routine Work, and requiring "Special Engineering Skill" in their Design.	Number of Assistants under County Surveyor, with their Salaries.		OBSERVATIONS.
Name.	Why the Office was Vacated.	Retiring Allowance.	Whether now Payable.		Number.	Salaries.	
1. W. A. Treacy -	East Riding of Cork was divided, and two County Surveyors appointed for the East Riding. Mr. Treacy exchanged to County Mayo, and Mr. Deverell came from Mayo to South Division of East Riding.	-	-	£ s d 1,155 - - Average of five years, ending Summer 1877, principally for new roads and new bridges.	3 at 50L = 150L per year	£ s d - - -	The assessed average cost of important works as here given, surveys as inerrable of the work to be done, for instance, in the year 1855, the County Surveyor had one bridge to construct, the presentment for which was 11,000 L.
2. Frederick Green -	Appointed engineer to the Board of Works.	None	-	Completed and in progress 41,600L, assessed average 8,324 L.	3	80 - -	The Trough and Kinsale Iron Bridges under my most of the 41,600 L. County Surveyor, in my opinion, should be allowed travelling expenses.
3. W. A. Treacy -	Removed by application to East Riding of Cork.	None	No	5,456 17 1 This includes new roads, bridges, flagging, &c.	2	50L a year each.	
4. John Fraser -	Mr. Fraser resigned at the instance of the Grand Jury. He was "removed" or re-appointed to another County subsequently (County Cavan). He seemed to be county surveyor there, and had districts leaving that county; but the Superintendence Act was not law, the County Surveyor before, during the time he held office.	None	-	None. There were no works in the county requiring such "special skill," or which one of the County Surveyor's assistants could not design and carry out.	3	400 - -	The County Surveyor never moved from the County of Donegal. He had had charge of the South District, and, in 1864, the Grand Jury gave him charge of the North District, both in connection (it being agreed also, while the South District was only third class), and wishing to avoid themselves of best tried services in bringing the Roads and County Surveyor's department, that in very bad order, have good machine.
5. Mr. William Harte -	Transferred to North District of Donegal. Still in office.	-	-	There has not been any work for the last five years in the South District of Donegal requiring "Special Engineering Skill." He does not include under this head the construction of small stone and timber bridges, or the repair of such.	4	80 - -	The County Surveyor would be to call attention to the serious nature of the surveyor's duties (especially in winter) in Donegal in connection with the inspection of roads and routine work, and to the expense necessarily attendant on the supervision of a district containing an area of nearly 1,000 square miles, with a district included around and a wild and mountainous surface.
6. John Fraser -	Mr. Fraser was removed from the County Donegal to the County Down in October 1852. Subsequently he was removed to the County Cavan, and has since died.	None	None	3,881 15 11	6 1	80 - - 80 - -	Before the counties of Donegal and Down were divided into two County Surveyor's districts he had charge of the whole of the County Donegal for one year at a salary of 500 L, and the whole of the County Down for 10 years at a salary of 500L. His present salary of 575 L. includes a sum of 185L for taking charge of the roads and any additions that may be required to the Down Lunatic Asylum (of which he was the architect), the County Infirmary, the County Gaol, and the County Court House, and Bridewell. He is prevented from taking any private business, except in connection with sanitary matters, such as supply of water to towns, and sewers of same, in this county.

No. 1.—RETURN of County Surveyors and their Assistants in each County

NAME OF COUNTY.	Names of County Surveyors.	Amount of Salary and Allowances of County Surveyors.	Name of each separate County in which he has served, Number of Years he has served in each, Salary in each.				Reason for Removal.	
			County.	Number of Years' Service.	Salary.			
DOWN (South Division).	Danvers D. Murray	Salary £601, and £61 for office.	Only in this county. Down, South.	15½	£. s. d. 599 - -		Never served.	1
DUBLIN (District No. 1).	James Bell	Salary £761, no allowances.	Dublin	18	475 - -		Not removed, served only in this county.	1
DUBLIN (District No. 2).	Richard A. Gray	Salary £527, no allowances.	Dublin	22	585 - -		- - - - -	2
FERRISBURGH	Frederick Wilson	Salary £500, a year; allowances for office £61, a year; total, £561.	Westmeath Fenestrough	4 1½	400 - - 599 - -		Transferred at own request from Westmeath to Fenestrough in consequence of being threatened for discharge of public duties.	4
GALWAY (East Riding)	James Forth Kempster.	450 - -	Galway	40	430 - -		- - - - -	5
GALWAY (West Riding)	The County Surveyors of the West Riding of the County Galway is at present vacant.							6
TOWN OF GALWAY.	H. Temple Humphreys, M.L.O.	500 - -	Lisnatick, West Galway, West Town of Galway	9	400 - - 400 - - 180 - -		Rheumatic fever, contracted in discharge of duty.	7
KERRY	W. H. Deane, O.R.	Salary £601, and £61 for office and clerk.	Tipperary, South Trillick, South Kerry, South Fenestrough	8 8 8 6 weeks	500 - - 400 - - 400 - - 500 - -		Transferred at own wish. - - - - - Exchanged Transferred at own wish.	8
			Kerry	17 months	500 - -		Transferred at promotion, but not yet the full salary, which is £601 a year.	
KILDARE	John H. Best	480 - -	West Lisnatick Kildare	6½ 8½	400 - - 400 - -		Ill in danger, died at office.	9
KILKENNY	Peter Borthwell	- - - 550 - -	Carlow Kilkenney	21 17½	585 - - 500 - -		Own application for the County of Kilkenney when it became vacant.	10
CITY OF KILKENNY	Peter Borthwell	30 - -	Carlow Kilkenney, County of City.	28 17½	585 - - 50 - -		- - - - -	11
KING'S COUNTY	Richard Massey Sanders.	Salary £401 per annum; allowances, £61 per annum for clerk and office.	Served only in the King's County.	The present is the fourth year of service.	As stated - -		- - - - -	12

in Ireland for the Year ending with the Summer Assizes, 1877, &c.—continued.

Name of Immediate Predecessor, and stating whether same Died, Resigned, was Dismissed, was Removed to another County, or was Superannuated, with the Amount of Retiring Allowance (if any) granted to him, and whether same is now Payable.				Annual Average Cost of Works for last Five Years in the County, other than Roads, Bridges, and other Routine Work, and repairing "Special Engineering Skill" in their Design.		Number of Assistants under County Surveyor, with their Salaries.		OBSERVATIONS.
Name.	Why the Office was Vacant.	Retiring Allowance.	Whether now Payable.			Number.	Salaries.	
1. Henry Smith, who was County Surveyor for North Division of Down.	Not vacated; county divided.	£. s. d. None - -	£. s. d. No - -	£. s. d. 4,800 - -		5	£. s. d. 861 each -	1,800 miles of road to superintend.
2. Alexander Tein, promoted to the County Antrim in 1862.	Promoted to Antrim.	Not yet paid.	No allowance paid as yet.	£. s. d. 900 - -		Nine -	NIL	
3. Robert J. Hampton.	Died - - -	- - -	- - -	£. s. d. 844 - - Chiefly footpaths, gullies, and such class of work.		- - -	- - -	Very little work for an engineer now, but the labour and cost of carrying out details of works of routine have increased enormously.
4. R. Gray, Esq. succeeded by W. H. Deane, Esq., for about six weeks, who was transferred from this county to the County Kerry.	By resignation of Mr. Gray, through ill-health, after 42 years' service, on full superannuation allowance.	£. s. d. 200 0 0	Still payable	£. s. d. 1,200 5 7		3	£. s. d. 801 a year each.	Mr. Wilson has considered W. H. Gray, Esq., as his predecessor, inasmuch as his immediate predecessor, Mr. Deane, was only about six weeks in this county. Mr. Deane was, so far as he knows, transferred from this county at his own request.
5. Henry Clements.	County divided in 1868 into two ridings. Mr. Clements retained one, and Mr. Kierpatric was appointed to the other.	- - -	- - -	£. s. d. 600 - -		2	£. s. d. 794 each.	
6. -	-	-	-	-		-	-	
7. Samuel White Barker, M.A.C.S.	Resigned to take office as Assistant Commissioner, Board of Works.	None -	No - -	£. s. d. 400 L to 400 L -		2	£. s. d. 70 - -	Salaries of County Surveyors should not be under the control of Grand Jurors, as the same is prejudicial to the public service.
8. H. Stokes.	Superannuated -	£. s. d. 600 - -	Payable -	£. s. d. 3,075 - -		4	£. s. d. 701 each.	
9. Thomas Draxill.	Resigned - - -	None -	No - -	£. s. d. 1,400 - -		3	£. s. d. 761 each -	The annual cost of works under supervision of the County Surveyor is about 10,000 L.
10. Samuel Carter.	Death - - -	- - -	- - -	£. s. d. 1,211 - - Average per annum.		4 Three were formerly five.	£. s. d. 801 each.	Very small works in amount, and distant from each other, or even drains and repairs, often require special engineering skill.
11. Samuel Carter.	Death - - -	- - -	- - -	£. s. d. 60 - -		Nine -	Nine -	Fort-bridges, 800 L, proposed in 1875, but no tender.
12. T. B. French.	Transferred to County Tyrone.	None -	No - -	£. s. d. Average cost about 220 L per annum.		3	£. s. d. Two at 801 per annum each, one at 501 per annum.	

No. 1.—RETURN of County Surveyors and their Assistants in each County

NAME OF COUNTY.	Name of County Surveyor.	Amount of Salary and Allowances of County Surveyors.	Name of each separate County in which he has served, Number of Years he has served in each, Salary in each.			
			County.	Number of Years' Service.	Salary.	Reason for Removal.
LISTRIM - - -	James Tetler Pratt -	£. s. d. Salary 480 <i>l.</i> , and 50 <i>l.</i> for clerk and office.	Lettistim - - -	21	£. s. d. 480 - -	Has served only in County Lettistim.
LIMERICK (East Division).	Thomas Teabery -	Salary, 400 <i>l.</i> ; no allowance.	Limerick - - -	15	400 - -	Not removed - -
LIMERICK (West Division).	John Cox - -	Salary 480 <i>l.</i> per annum, and 50 <i>l.</i> per annum for clerk and office.	Limerick (West District).	Four months; appointed 20th December 1877.	400 - - per annum.	- - - -
LONDONDERRY - -	Arthur C. Adair -	Salary 600 <i>l.</i> per annum, and 50 <i>l.</i> for clerk and office; Supply out of pocket from travelling expenses.	Clare - - -	12	200 - -	Promoted - -
			Tyrone, North - -	7	400 - -	- ditto.
			Londonderry - -	4	000 - -	- ditto
LONGFORD - - -	Henry Vincent White	450 - -	Longford - - -	2½	450 - -	Was never in any other county.
LOUTH AND COUNTY OF THE TOWN OF DROGHEDA.	John Newell* - -	450 - - (Deduction 50 <i>l.</i> for clerk and office expenses).	Louth - - -	29	450 - -	Never removed - -
	John Newell - -	47 10 -	County of the Town of Drogheda.	29	47 10 -	- ditto - -

* The duties of a county surveyor, and of his assistants, are principally discharged outside in travelling. Their car-hire is not paid for now by the county. This temptation to avoid outside duties should be removed, and a fair travelling mileage rate be presented for at each audit, according to the

in Ireland for the Year ending with the Summer Assizes, 1877, &c.—continued.

Name of Immediate Predecessor, and stating whether same Died, Resigned, was Dismissed, was Removed to another County, or was Superannuated, with the Amount of Retiring Allowance (if any) granted to him, and whether same is now Payable.				Annual Average Cost of Works for last Five Years in the County, other than Roads, Bridges, and other Roadside Work, and requiring "Special Engineering Skill" in their Design.		Number of Assistants under County Surveyor, with their Salaries.		OBSERVATIONS.
Name.	Why the Office was Vacated.	Retiring Allowance.	Whether now Payable.			Number.	Salaries.	
1. Thomas D. Hall	Died - - -	None - - -	- - -	£. s. d. Is not aware that Grand Jury have power to expend money on "other works" except roads, drains, and bridges, under G & T Will. 4, c. 116, and the Act amending same.		5 1	£. s. d. 35 l. each. Without salary.	
2. Thomas Kearney	Died - - -	None - - -	- - -	800 8 8		5	120 - -	
3. W. E. L'Estrange Esq., removed to Waterford.	- - - -	- - - -	- - -	Cannot state this, being so short a time in the district; by means of the county books for the last five years it is computed to be about £50 l. per annum.		2	£0 l. per annum each.	
4. E. Williams	Died - - -	None - - -	- - -	4,087 19 -		7	£0 l. each.	£80 per annum sterling, the maximum salary allowed by law for assistants is insufficient to procure the services of efficient men, and much loss is thereby incurred, and much of the disqualification existing with the present Grand Jury system is to be attributed to this cause. The minimum salary should be £100 l. per annum, rising by instalments of £0 l. per year to £180 l., and besides, an allowance of £0 l. per annum for keeping a house.
5. S. A. Kirkby, Esq.	Removed to County Cork	None - - -	- - -	Up to this date there has been presented for special works, since he came, about 1,800 l., involving principles of design and connected with any works in stone building.		1	50 - -	
6. Francis Debonedine	Resigned; came off-licence with the Grand Jury.	None - - -	No - - -	3,536 l. for maintenance, 2,337 l. for other works.		3	£0 l. each -	The maintenance of roads with their culverts, bridges, crossing walls, and on some roads the maintenance of new-roads, quays, and piers, as well as the organization and control of the necessary staff, require special engineering skill. However, the cost of maintenance, and the cost of all other works, is given separately. The duties which a County Surveyor has to discharge correspond substantially with those of <i>L'Ingénieur des ponts et Chaussées</i> in France. The duties of the assistants are principally confined to making measurements, and carrying out County Surveyor's instructions.
7. - ditto -	Resigned - - -	None - - -	No - - -	250 - -		None	None.	

County, but should be provided for in any change in the present law. Now, the more conscientiously the outside duties are performed the more are they distasteful.

No. 1.—RETURN of County Surveyors and their Assistants in each County

NAME or COUNTY.	Name of County Surveyor.	Amount of Salary and Allowances of County Surveyor.	Name of each separate County in which he has served, Number of Years he has served in each, Salary in each.			
			County.	Number of Years' Service.	Salary.	Reason for Removal.
MAYO (North Divd. 4000*).	Henry Broudie	£. s. d. Salary 400 L. and 50 L. for clerk and office.	Mayo - - -	20	£. s. d. 400 L. per annum.	- - - - - 1
MAYO (South Divd. 4000*).	Edward Glavin	Salary 400 L. per annum, with 50 L. per annum for clerk and office.	Served in no other County.	1½	- - - -	- - - - - 2
MEATH - - -	Joseph Henry Moore A. J. M., Trinity College, Dublin.	Salary 500 L. and 50 L. for clerk and office.*	Westmeath - - -	3½	Salary 400 L. and 50 L. for office, &c.	Applied for Meath on re-appointing vacant. - - - - - 3
			Meath - - -	3½	Salary 500 L. and 50 L. for office, &c.	
MONAGHAN - - -	William Carroll	Salary 400 L. and 50 L. for office and clerk.	Monaghan - - -	24	400 L. per annum.	- - - - - 4
QUEEN'S COUNTY -	H. U. Townsend	500 - - 300 L. up to 1863, since 500 L.	North Tipperary -	6	500 - -	Applied for - - - - - 5
			Queen's - - -	23	500 - -	Still in office.
ROSCOMMON - - -	James Perry	Salary 400 L. a year, and 50 L. a year for an office and clerk.	Roscommon - - -	- - -	400 - -	- - - - - 6
SLIGO - - -	C. E. Jones	Salary 300 L. and 50 L. for a clerk and office.	Cook (East Riding)	Six months -	400 - -	Own request - - - - - 7
			Sligo - - -	Six years -	500 - -	
TIPPERARY (North Riding).	A. H. Crawford	500 - - An allowance of 400 per annum to meet the expenses of a clerk (permanent and non-permanent employed), and also the expenses of an office, which does not cover the outgoings.	Tipperary (North Riding).	17 16 — 25 years in Tipperary (North Riding).	500 - - 500 - -	At present in office. - - - - - 8

* The cost of travelling, with clerk's salary and office, amount on an average to 140 L., leaving net salary 400 L.

in Ireland for the Year ending with the Summer Assizes, 1877; &c.—continued.

Name of immediate Predecessor, and stating whether same Died, Resigned, was Dismissed, was Transferred to another County, or was Superannuated, with the Amount of Retiring Allowance (if any) granted to him, and whether same is now Payable.				Annual Average Cost of Works for last Five Years in the County, other than Roads, Docks, and other routine Work, and requiring "Special Engineering Skill" in their Design.	Number of Assistants under County Surveyors with their Salaries.		OBSERVATIONS.
Name.	Why the Office was Vacated.	Retiring Allowance.	Whether now Payable.		Number.	Salaries.	
1. Henry Scott, Esq., was County Surveyor of Wicklow.	Promoted - -	None - -	Not - -	£. s. d. Very little - -	2	£. s. d. 55 l. per annum.	
2. Wm. E. Dwyer -	Removed to County Kerry.	Nil - -	- -	For year ending Spring Assizes— 1874, 403 l.; 1875, 204 l.; 1876, 200 l.; 1877, 208 l.; 1878, 278 l. Average of five years in South Division of Mayo is 441 l.	1	63 l. per annum.	
3. Samuel S. McCarthy	Resigned on account of failing health.	Resigned before superannuation Act passed.	- -	1855, 351 l.; 1870, 205 l.; 1877, 176 l. 10s.; Last Assizes, 1878, 320 l.	5	60 - -	Owing to Mr. McCarthy's illness the work of the county fell two years, and Mr. Moore's time was much occupied in getting bridges and gullies repaired, and this necessitated the postponement of larger works. The amounts expended in repairing bridges and gullies since his appointment were, 1875, No. 18, cost 472 l.; 1876, No. 15, cost 525 l.; 1877, No. 61, cost 322 l.; and last, 1878, No. 51, cost 122 l.
4. John Walker -	Resigned - -	None - -	- -	About 2,000 - -	5	Four at 101 l. per annum, one at 60 l.	Served for a few months at the beginning of his career in the County of Waterford.
5. Henry Owen -	Removed to Waterford.	Nil - -	No - -	1,042 - -	3	70 l. each -	The total amount presented and controlled by the County Surveyor in the five years (1873 to 1877, both inclusive) is 76,490 l. (yearly average 15,298 l.), of which the amount certified was slightly in excess of 70,000 l.
6. E. T. Gidson -	Was transferred to Carlow.	- -	- -	- - - -	2	60 l. a year each.	Mr. Gidson was in the county only one year and about two months; his immediate predecessor was Mr. Kelly, of Essex Lewis, Esq., who enjoys at the present time a pension of 335 l. 6s. 8d. a year. The date of Mr. Perry's appointment is 18th December 1877.
7. N. B. St. Ledger -	Death - -	Nil - -	Nil - -	About 600 l. per annum.	3	60 l. per annum.	
8. H. G. Townsend -	Removed to Queen's County.	None - -	- -	Average under head of special works for five years, 1,964 l. per annum.	4	70 - -	

No. 1.—RETURN of County Surveyors and their Assistants in each County

NAME OF COUNTY.	Name of County Surveyor.	Amount of Salary and Allowances of County Surveyor.	Name of each separate County in which he has served, Number of Years he has served in each, Salary in each.				Reason for Removal.	
			County.	Number of Years' service.	Salary.			
TIPPERARY (South Division).	John Leslie Worrell, C.E.	£. s. d. Salary £501, and 50 l. for clerk and office.	Tipperary, South	17 years and 8 months.	£. s. d. 500 - -		Never removed	1
TYRONE (North Division).	Theophilus R. French	500 - -	Tyrone (North Division).	4	500 - -		- - - -	2
			King's - - -	7	400 - -		Own request.	
TYRONE (South Division).	James A. Dickson.	Salary £501, and 50 l. for office and clerk.	Westmeath - -	8½	Salary 400 l. and 50 l. for office and clerk.		Lt. in danger; received threatening letters. Forsook months previous to removal had to be protected by police.	3
WATERFORD - -	R. E. L'Estrange Duffin.	500 - -	Limerick (West Division).	3 years and 10 months.	500 - -		Transferred to 2nd Class County on application.	4
			Waterford - -	6 months	500 - -		-	
CITY OF WATERFORD	The Surveyorship of the County of the City of Waterford is at present vacant.				-		-	5
WESTMEATH - -	Arthur E. Joyce	Salary 400 l. per annum, and 50 l. for expense of office and clerk.	Westmeath - -	1½	400 l. per annum		- - - -	6
WEXFORD - - -	James Barry Farrell	Salary £501, and 50 l. for expenses of office, &c.	Tyrone - - -	7 Mar. 1855, 1½ years.	Salary 500 l. and 50 l. for expenses of office, &c.		Own request; Tyrone too large for one Surveyor; it has been divided since he left.	7
			Wexford - - -	10 Aug. 1845, 37½ years.	Same as above, with the 34th & 20th Vict. & 44, same reduction, then increased to 500 l. with the 53rd			
WICKLOW - - -	Henry Dent - -	450 - -	King's County, 1854 to 1856.	Yrs. mo. 1 4	250 l. raised to 500 l.		Exchanged to Mayo at request of Board of Works.	8
			Mayo, 1856 to 1860 -	30 0	500 - -		Transferred to Waterford in 1860, at own request.	
			Waterford County and City, 1860 to 1865.	4 0	500 - -		Transferred to Wicklow at own request.	
			Wicklow County, 1865 to 1870.	24 0	400 - -			
			TOTAL Service -	63 7				

in Ireland, for the Year ending with the Summer Assizes, 1877, &c.—continued.

Name of Immediate Predecessor, and stating whether same Died, Resigned, was Dismissed, was Removed to another County, or was Superannuated, with the Amount of Retiring Allowance (if any) granted to him, and whether same is now Payable.				Annual Average Cost of Works for last Five Years in the County, other than Roads, Bridges, and other public works, and requiring "Special Engineering Skill" in their Design.	Number of Assistants under County Surveyor, with their Salaries.		OBSERVATIONS.
Name.	Why the Office was Vacated.	Retiring Allowance.	Whether now Payable.		Number.	Salaries.	
William Henry Deane	Was dismissed by Grand Jury, but re-appointed by Lord Cribble to Tyrone.	-	-	£ s. d. 2,530 3 0	4	£ s. d. 83 l. a year each.	The salaries of assistants were raised at last Summer Assizes from 70 l. to 80 l. a year. This is the most difficult county in Ireland to manage, the only two Surveyors before Mr. Worrell having been dismissed, and he has often been threatened.
A. C. Adair	Removed from 2nd to 1st Class County.	Nil	Nil	665 - -	2	80 - -	
William Treacy	Dismissed	-	-	9,700 - -	4	80 - -	
Charles Tennant	Death	-	-	665 2 -	4	80 - -	
-	-	-	-	-	-	-	
-	-	-	-	-	-	-	
Frederick R. T. Wilson.	On promotion to County Farmingtonagh.	-	-	676 3 3	3	65 l. per annum each.	Increased from 50 l.
William Meekins	Resigned	None	-	1,047 14 10	4	80 l. per annum each.	
James Boyd	Deceased	-	-	1,086 - -	3	80 l. per annum each.	

COUNTY SURVEYORS IRELAND: EXPENDITURE

RETURN of EXPENDITURE under COUNTY SURVEYORS in Ireland for the Year ending with the Summer Autum, 1877.—Name of County Surveyor; Number of Miles of "Contingency Contract Roads" usually maintained under County Surveyor; Number of Miles of other Roads usually repaired by Contract in the Year 1877; Number of Miles of Road paved at Road Sessions, Summer 1877, but not presented by Grand Jury, with Estimated Cost; Number of Miles of Road worked by the County Surveyor after Summer Autum, 1877, with Estimated Annual Cost of work as approved of at Sessions; Amount of Total Estimated Cost of Works, when the Contingency Contracts, presented to the County Surveyor to execute at Spring and Summer Autum, 1877; General Observations, and stating whether the County Surveyor executes the Works as advertised for Contract, or only partially executes them.

[illegible]

[illegible]

ROUTE.	1.	2.	3.	4.	5.	6.	7.	8.	9.
	Name of County Surgeon.	Number of Miles of Boundary between State and County, as established in 1877.	Number of Miles of Boundary actually surveyed by Contract in Year 1877.	Number of Miles of Boundary of said County, as surveyed by Contract, 1877, and the Percentage for the same day.	Estimated Cost of Work to the County, as ascertained.	Number of Miles of Road and Conduits for the County, as surveyed by Contract, 1877, and the Percentage for the same day.	Estimated Cost of Work to the County, as ascertained.	Total Estimated Cost of Work under the Contract, as ascertained by the County Surgeon, in 1877, and the Percentage for the same day.	Special Observations, including whether the County Surgeon, as only partially surveyed, the Work as ascertained for the same day.
ALBANY - - -	John H. H. H.	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	County Surgeon, as ascertained. The work is not surveyed, as the County Surgeon, as only partially surveyed, the Work as ascertained for the same day.
ALBANY - - -	John H. H. H.	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	County Surgeon, as ascertained. The work is not surveyed, as the County Surgeon, as only partially surveyed, the Work as ascertained for the same day.
ALBANY - - -	John H. H. H.	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	County Surgeon, as ascertained. The work is not surveyed, as the County Surgeon, as only partially surveyed, the Work as ascertained for the same day.
ALBANY - - -	John H. H. H.	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	County Surgeon, as ascertained. The work is not surveyed, as the County Surgeon, as only partially surveyed, the Work as ascertained for the same day.
ALBANY - - -	John H. H. H.	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	County Surgeon, as ascertained. The work is not surveyed, as the County Surgeon, as only partially surveyed, the Work as ascertained for the same day.
ALBANY - - -	John H. H. H.	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	County Surgeon, as ascertained. The work is not surveyed, as the County Surgeon, as only partially surveyed, the Work as ascertained for the same day.
ALBANY - - -	John H. H. H.	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	County Surgeon, as ascertained. The work is not surveyed, as the County Surgeon, as only partially surveyed, the Work as ascertained for the same day.
ALBANY - - -	John H. H. H.	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	County Surgeon, as ascertained. The work is not surveyed, as the County Surgeon, as only partially surveyed, the Work as ascertained for the same day.
ALBANY - - -	John H. H. H.	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	County Surgeon, as ascertained. The work is not surveyed, as the County Surgeon, as only partially surveyed, the Work as ascertained for the same day.
ALBANY - - -	John H. H. H.	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	County Surgeon, as ascertained. The work is not surveyed, as the County Surgeon, as only partially surveyed, the Work as ascertained for the same day.

[illegible]

COUNTY	1. Name of County Surveyor	2. Number of Miles of Boundary Districts (roads actually surveyed) in District.	3. Number of Miles of Boundary Districts actually surveyed by Contract in Year 1917	4. Number of Miles of Roads paved or Road Districts (see Appendix Tables, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000	5. Estimated Cost of Work in the County, as reported on Statement.	6. Number of Miles of Roads paved or Road Districts (see Appendix Tables, 221, 222, 223, 224, 225, 226, 227, 228, 229, 2
--------	-------------------------------	--	--	--	---	---

COUNTY SURVEYORS (IRELAND).
COUNTY SURVEYORS (IRELAND)
EXPENDITURE.

RETURN relating to COUNTY SURVEYORS and
their ASSISTANTS in each COUNTY in *Ireland* for
the Year ending with the Summer Assizes, 1877;
&c.

RETURN relating to the EXPENDITURE under
COUNTY SURVEYORS in *Ireland* for the Year
ending with the Summer Assizes, 1877; &c.

(*Mr. Gray.*)

Ordered, by The House of Commons, to be Printed,
6 June 1878.
